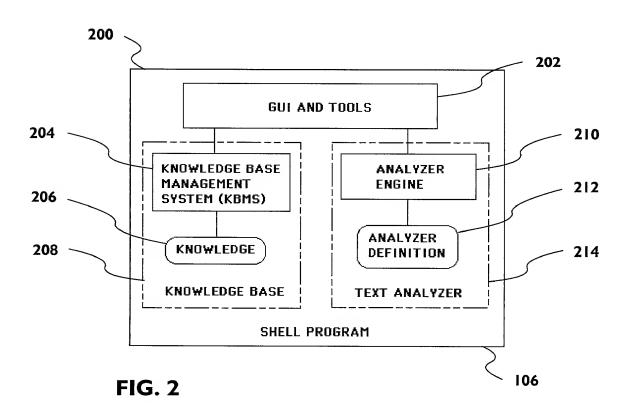
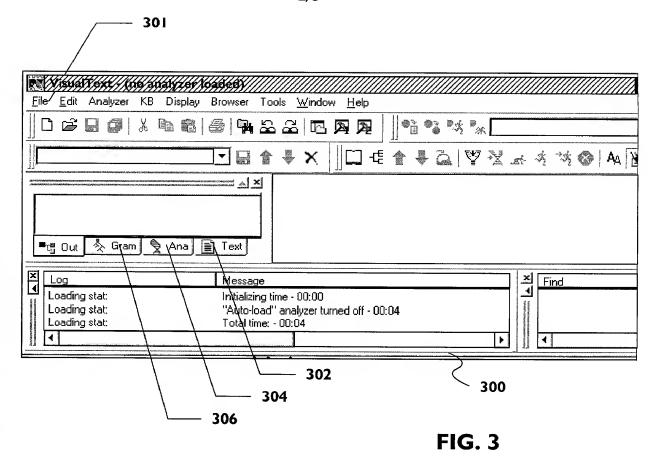
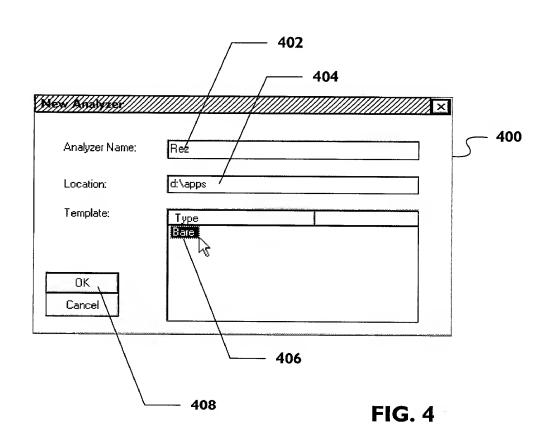


FIG. I







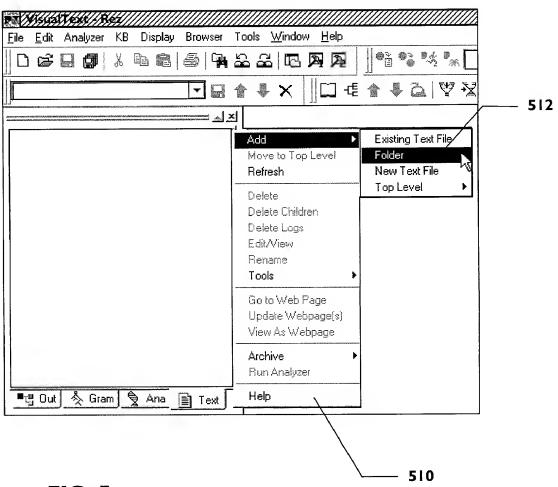
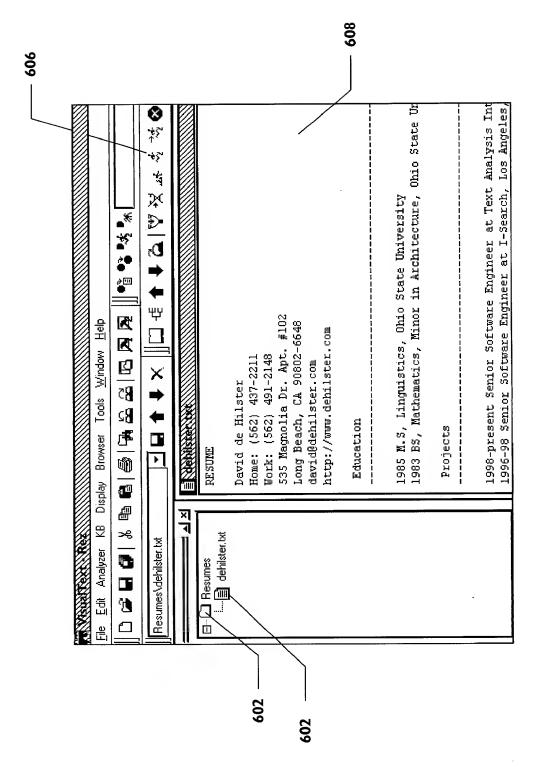


FIG. 5



<u>E</u>

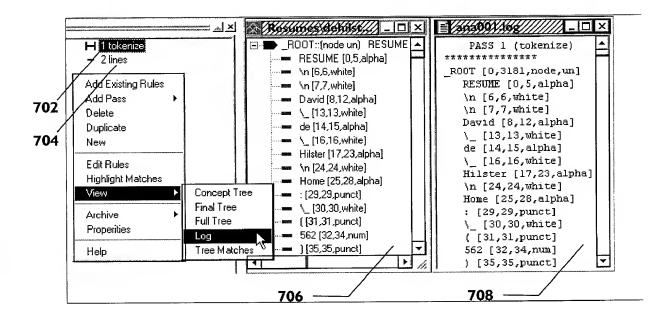


FIG. 7

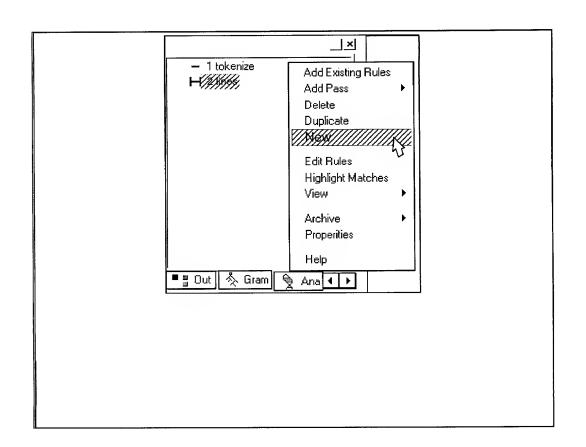


FIG. 8

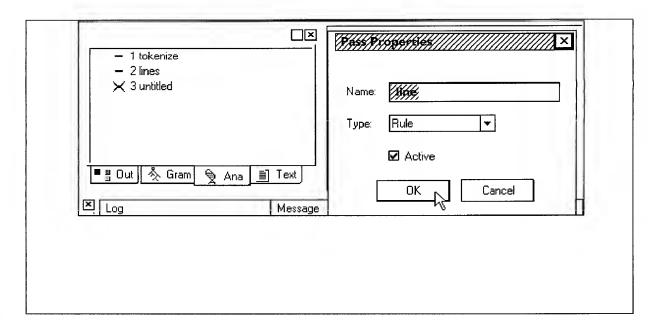


FIG. 9

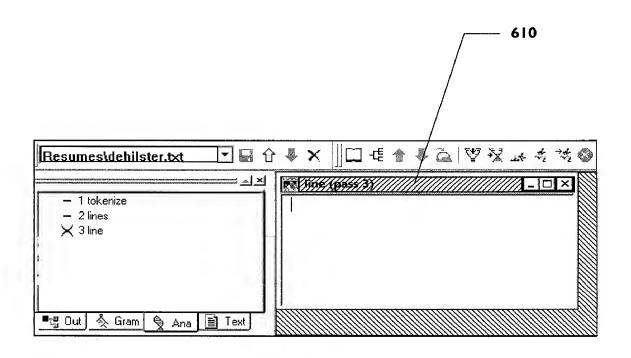


FIG. 10

```
@NODES _ROOT

@RULES
_BLANKLINE <- _xWHLD [matches=(\ \r \t)] \n @@

_LINE [unsealed] <- _xWHLD [min=0 max=0 fails=(\n)] \n @@

# If last line of file has no newline.
_LINE [unsealed] <- _xWHLD [plus fails=(\r \n)] @@
```

FIG. II

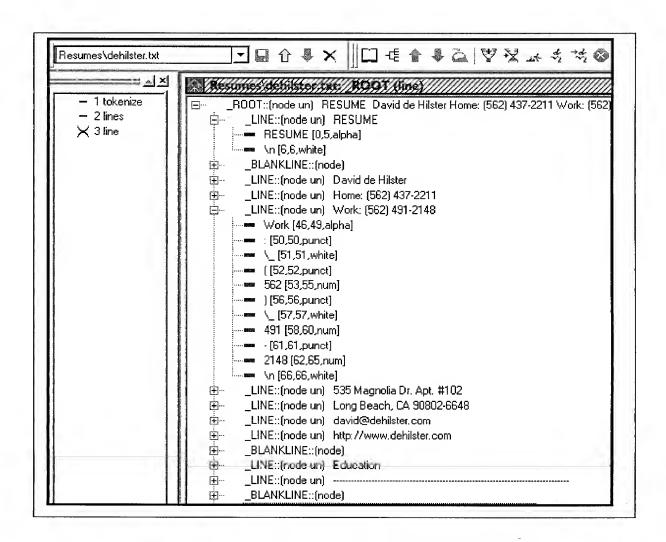


FIG. 12

```
@CODE
G("number of lines") = 0; # Initialize counter to zero.
@CODE
@CODE
@NODES _ROOT

@RULES
_BLANKLINE <- _xWILD [matches=(\ \r \t)] \n @@

@POST
    ++G("number of lines"); # Increment line count by one.
    single(); # Reduce matched nodes to _LINE.

@RULES
_LINE [unsealed] <- _xWILD [min=0 max=0 fails=(\n)] \n @@

# If last line of file has no newline.
_LINE [unsealed] <- _xWILD [plus fails=(\r \n)] @@
```

FIG. 13

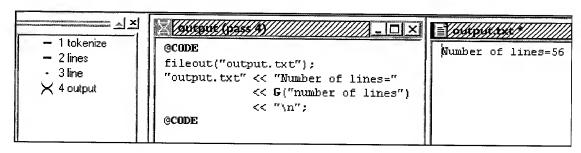


FIG. 14

```
@PATH _R00T _educationZone _educationInstance _LINE

@POST
if (!X("city",3))
    X("city",3) = N("$text");
# noop()
@RNLES
_xNIL <- _city [ ] @@
</pre>
```

FIG. 15